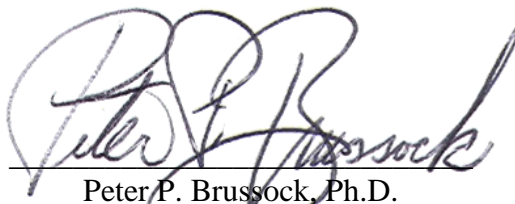


**MONTHLY PROGRESS REPORT  
BERRY'S CREEK STUDY AREA (BCSA)  
SUPERFUND SITE  
HACKENSACK MEADOWLANDS, NEW JERSEY**

**December 2015**

Prepared by:

The ELM Group, Inc.  
Buckingham Green II  
4936 York Road, Suite 1000  
P.O. Box 306  
Holicong, PA 18928-0306  
(215) 794-6920



Peter P. Brussock, Ph.D.  
Project Coordinator

## **INTRODUCTION**

In accordance with the provisions of paragraph 39 of the AOC for the Remedial Investigation and Feasibility Study (RI/FS) (May 8, 2008) for the Berry's Creek Study Area (BCSA) Superfund Site, this Monthly Progress Report (MPR) was prepared for submission to the USEPA and NJDEP. The reporting in this MPR tracks the tasks in Appendix B - Statement of Work (SOW) of the RI/FS AOC.

### **I. ACTIONS TAKEN DURING THE MONTH OF DECEMBER 2015**

#### **A. Access**

- No additional access requirements were identified in December 2015.

#### **B. Remedial Investigation (RI) Activities**

- No field activities were conducted in December 2015.
- The BCSA Group is proceeding with the preparation of the RI Report and appendices, including the baseline human health and ecological risk assessments.

#### **C. Modeling Activities**

- Work continued on application of the hydrodynamic model for the BCSA, including preliminary flooding analysis.
- Work continued on the calibration of the sediment transport model for the BCSA.

#### **D. Feasibility Study (FS) Activities**

- Analysis of pilot study physical and chemical data is ongoing.
- Analysis of exploratory sediment bioaccumulation methods continued with the USACE Engineer Research and Development Center (ERDC) and Test America on related tissue testing methods.

#### **E. USEPA Coordination and Oversight**

- The BCSA Group Project Coordinator provided support to the USEPA on their interaction with Bergen County personnel conducting ditch cleaning in the BCSA watershed.

### **II. DATA RECEIVED OR GENERATED DURING THE PREVIOUS MONTH**

- Laboratory data received in December 2015 were posted on the USEPA unvalidated data website.
- Validation activities for Phase 3b 2015 data are ongoing.

### **III. DESCRIPTION OF WORK PLANNED FOR THE NEXT TWO MONTHS**

- **RI/FS Activities:**

- The preparation of the draft RI Report and baseline risk assessments will continue.
- Participate with the USEPA in a meeting with the NJDEP Rebuild-by-Design flood management personnel for the New Jersey Meadowlands.

- **Treatability Study/Pilot Study:**

- Analysis of the physical, chemical and biological 2015 PS data will continue, along with scoping of the next round of PS monitoring in 2016 based on findings from ERDC and Test America laboratory work.

- **Development and Screening of Remedial Alternatives Memorandum (DSRAM):**

- The BCSA Group will review and begin preparation of a response to comments on the DSRAM when received from the USEPA.

### **IV. SCHEDULING, SCHEDULING ISSUES, AND SOLUTIONS**

- No schedule-related activities occurred in December 2015.

### **V. STATUS OF RELATED ACTIVITIES**

- No related activities were completed during December 2015.